

WHAT IS CLAIMED IS:

1. An organic electroluminescence display element comprising a first conductive layer, a second conductive layer opposed to the first conductive layer, a driving
5 circuit connecting terminal connected electrically to the first conductive layer via a supplementary wire and an organic electroluminescence layer disposed between the first conductive layer and the second conductive layer, wherein the supplementary wire has at least one surface
10 layer as a layer containing Mo or a Mo alloy.
2. The organic electroluminescence display element according to Claim 1, wherein the first conductive layer is connected to the layer containing Mo or a Mo alloy.
3. The organic electroluminescence display element
15 according to Claim 1, wherein the second conductive layer is made of ITO.
4. The organic electroluminescence display element according to Claim 1, wherein the supplementary wire has a layer made of Al, an Al alloy, Ag or an Ag alloy.
- 20 5. The organic electroluminescence display element according to Claim 1, wherein the first conductive layer is connected to an etched surface of the layer containing Mo or a Mo alloy.
6. The organic electroluminescence display element
25 according to Claim 1, wherein the portion connected to the layer containing Mo or a Mo alloy, of the first conductive layer is defined by an insulation film.

7. The organic electroluminescence display element according to Claim 1, wherein the Mo alloy contains Nb.

8. The organic electroluminescence display element according to Claim 7, wherein the content of Nb in the Mo alloy is 5 to 20 atomic%.

9. The organic electroluminescence display element according to Claim 1, wherein the number of supplementary wires is at least 30.

10. The organic electroluminescence display element according to Claim 1, wherein the portion connected to a supplementary wire, of the first conductive layer contains Al or an Al alloy.

11. An organic electroluminescence display element comprising a first conductive layer, a second conductive layer opposed to the first conductive layer, a driving circuit connecting terminal connected electrically to the first conductive layer via a supplementary wire and an organic electroluminescence layer disposed between the first conductive layer and the second conductive layer, wherein the supplementary wire comprises at least 3 layers including a layer containing Mo or a Mo alloy as a surface layer and a layer containing Al or an Al alloy formed below the surface layer.

12. An organic electroluminescence display device comprising the organic electroluminescence display element described in Claim 1 and a driving circuit for driving the organic electroluminescence display element.

13. A method for producing an organic electroluminescence display element which comprises connecting electrically one of conductive layers formed by interposing an organic electroluminescence layer, to a driving circuit

5 connecting terminal via a supplementary wire, wherein the connecting electrically includes a step of forming a layer containing Mo or a Mo alloy as the surface layer of the supplementary wire connected to the conductive layer and a step of etching the layer containing Mo or a Mo

10 alloy by using gas containing at least CF_4 and oxygen or gas containing at least CF_6 and oxygen.